

METHOD 1: TRADE-OFF CALCULATION WORKSHEET

Project Address: _____

Name of Subdivision: _____ House Type: _____

Option(s) included (masterfile only): _____

Building Designer Name: _____ Occupation: _____

PROPOSED					REQUIRED		
U-Factors can be found in Tables 1 – 6.							
Walls, Windows and Doors							
Description	Insulation R-Value	U-Factor	x Area, ft ²	= UA	Required U-Factor	x Total Area, ft ²	= UA
Wall type 1					0.149*		
Wall type 2					*0.215 for townhomes		
Wall type 3							
Wall type 4							
Basement walls*							
Attic kneewall							
Dormer walls							
Window type 1	—						
Window type 2	—						
Window type 3	—						
Window type 4	—						
Window(s) at basement	—						
Door type 1	—						
Door type 2	—						
Door type 3	—						
Walls: Total Area							
Ceilings, Skylights and Floors Over Outside Air							
Description	Insulation R-Value	U-Factor	x Area	= UA	Required U-Factor	x Total Area, ft ²	= UA
Ceiling Type 1					0.0331		
Ceiling Type 2							
Floors over outside air							
Skylight(s)	—						
Ceilings: Total Area							
Floors and Foundations							
Description	Insulation R-Value	U-Factor	x Area	= UA	Required U-Factor	x Total Area	= UA
Basement walls*					0.1		
Floors over unheated spaces					0.05		
Crawl space walls (heated crawl space)					0.075		
Total Proposed UA					Total Required UA		

Total Proposed UA must be less than or equal to the Total Required UA

*Basement walls over 50% above grade shall be included in **Walls, Windows and Doors** above